BMP 01 Coverage: Water Survey Programs for Single-Family and Multi-Family Residential Customers

Reporting Unit: Reporting Period: City of San Jose 03-04

MOU Exhibit 1 Coverage Requirement

No exemption request filed

Agency indicated "at least as effective as" implementation

during report period?

No

A Reporting Unit (RU) must meet three conditions to satisfy strict compliance for BMP 1.

Condition 1: Adopt survey targeting and marketing strategy on time

Condition 2: Offer surveys to 20% of SF accounts and 20% of MF units during report period

Condition 3: Be on track to survey 15% of SF accounts and 15% of MF units within 10 years of implementation start date.

| - 4 | • | _ | | - |
|------|-----|-----|--------|---|
| Test | TOR | Con | ditior | 1 |

City of San Jose to Implement 1999

Targeting/Marketing Program by:

Single-Family Multi-Family

Year City of San Jose Reported Implementing

Targeting/Marketing Program:

City of San Jose Met Targeting/Marketing NO NO Coverage Requirement:

Test for Condition 2

Single-Family **Multi-Family**

Survey Program to Residential Survey 1998 43.62% Start by: Offers (%)

Reporting Period: 03-04 Survey Offers ≥ 20% NO YES

Test for Condition 3

Completed Residential Surveys

57

Single Family Multi-Family Total Completed Surveys 1999 - 2004: 1,101 297

Past Credit for Surveys Completed Prior to 1999

(Implementation of Reporting Database):

| · · | | |
|---|--------|-------|
| Total + Credit | 1,158 | 297 |
| Residential Accounts in Base Year | 17,880 | 5,240 |
| City of San Jose Survey Coverage as % of Base Year Residential Accounts | 6.48% | 5.67% |
| Coverage Requirement by Year 7 of Implementation per Exhibit 1 | 7.90% | 7.90% |
| City of San Jose on Schedule to Meet 10-Year Coverage Requirement | NO | NO |
| | | |

BMP 1 COVERAGE STATUS SUMMARY:

Water supplier has not met one or more coverage requirements for this BMP.

2 of 20

BMP 02 Coverage: Residential Plumbing Retrofit

Reporting Unit: Reporting Period: City of San Jose 03-04

MOU Exhibit 1 Coverage Requirement

No exemption request filed

Agency indicated "at least as effective as" implementation during report period?

No

An agency must meet one of three conditions to satisfy strict compliance for BMP 2.

Condition 1: The agency has demonstrated that 75% of SF accounts and 75% of MF units constructed prior to 1992 are fitted with low-flow showerheads.

Condition 2: An enforceable ordinance requiring the replacement of high-flow showerheads and other water use fixtures with their low-flow counterparts is in place for the agency's service area.

Condition 3: The agency has distributed or directly installed low-flow showerheads and other low-flow plumbing devices to not less than 10% of single-family accounts and 10% of multi-family units constructed prior to 1992 during the reporting period.

Test for Condition 1

| | | Single- | <u>Family</u> | <u>Multi-F</u> | amily |
|-------------|------------------|------------------------|-------------------|------------------------|-------------------|
| Report Year | Report Period | Reported Saturation | Saturation > 75%? | Reported Saturation | Saturation > 75%? |
| 1999 | 99-00 | | NO | | NO |
| 2000 | 99-00 | | NO | | NO |
| 2001 | 01-02 | | NO | | NO |
| 2002 | 01-02 | | NO | | NO |
| 2003 | 03-04 | | NO | | NO |
| 2004 | 03-04 | | NO | | NO |

Test for Condition 2

| Report Year | Report Period | City of San Jose has ordinance requiring showerhead retrofit? | |
|-------------|------------------|---|--|
| 1999 | 99-00 | NO | |
| 2000 | 99-00 | NO | |
| 2001 | 01-02 | NO | |
| 2002 | 01-02 | NO | |
| 2003 | 03-04 | NO | |
| 2004 | 03-04 | NO | |
| | | | |

Test for Condition 3

Reporting Period: 03-04

| Num. Showerheads | Single-Family | SF Coverage |
|-----------------------------------|--------------------------------|---|
| Distributed to SF Accounts | Coverage Ratio | Ratio > 10% |
| 180 | 1.2% | NO |
| Num. Showerheads | <u>Multi-Family</u> | MF Coverage |
| <u>Distributed to MF Accounts</u> | Coverage Ratio | Ratio > 10% |
| | | NO |
| | Distributed to SF Accounts 180 | Distributed to SF Accounts 180 Num. Showerheads Coverage Ratio 1.2% Multi-Family |

BMP 2 COVERAGE STATUS SUMMARY:

Water supplier has not met one or more coverage requirements for this BMP.

BMP 03 Coverage: System Water Audits, Leak Detection and Repair

Reporting Unit: Reporting Period: City of San Jose 03-04

MOU Exhibit 1 Coverage Requirement

No exemption request filed

Agency indicated "at least as effective as" implementation during report period?

No

An agency must meet one of two conditions to be in compliance with BMP 3:

Condition 1: Perform a prescreening audit. If the result is equal to or greater than 0.9 nothing more needs be done.

Condition 2: Perform a prescreening audit. If the result is less than 0.9, perform a full audit in accordance with AWWA's Manual of Water Supply Practices, Water Audits, and Leak Detection.

Test for Conditions 1 and 2

| Report Year 1999 2000 2001 2002 2003 | Report Period 99-00 99-00 01-02 01-02 03-04 | Pre-Screen Completed YES YES YES YES YES YES YES | Pre-Screen Result 97.5% 99.2% 99.3% 101.0% 99.4% | Full Audit Indicated No No No No No | Full Audit Completed NO NO NO NO NO |
|--------------------------------------|---|--|--|---|---|
| 2003 | 03-04 | YES | 99.4% | No | NO |
| 2004 | 03-04 | YES | 95.7% | No | NO |

BMP 3 COVERAGE STATUS SUMMARY:

Water supplier is meeting coverage requirements for this BMP.

BMP 04 Coverage: Metering with Commodity Rates for all New Connections and Retrofit of Existing

Reporting Unit: Reporting Period: City of San Jose 03-04

MOU Exhibit 1 Coverage Requirement

No exemption request filed

Agency indicated "at least as effective as" implementation during report period?

No

An agency must be on track to retrofit 100% of its unmetered accounts within 10 years to be in compliance with BMP 4.

Test for Compliance

Total Meter Retrofits Reported through 2004

No. of Unmetered Accounts in Base Year

Meter Retrofit Coverage as % of Base Year Unmetered Accounts

Coverage Requirement by Year 6 of Implementation per Exhibit 1

RU on Schedule to meet 10 Year Coverage Requirement

42.0%

YES

BMP 4 COVERAGE STATUS SUMMARY:

Water supplier is meeting coverage requirements for this BMP.

BMP 05 Coverage: Large Landscape Conservation Programs and Incentives

Reporting Unit: Reporting Period: City of San Jose 03-04

MOU Exhibit 1 Coverage Requirement

No exemption request filed

Agency indicated "at least as effective as" implementation during report period?

No

An agency must meet three conditions to comply with BMP 5.

Condition 1: Develop water budgets for 90% of its dedicated landscape meter accounts within four years of the date implementation is to start.

Condition 2: (a) Offer landscape surveys to at least 20% of its CII accounts with mixed use meters each report cycle and be on track to survey at least 15% of its CII accounts with mixed use meters within 10 years of the date implementation is to start OR (b) Implement a dedicated landscape meter retrofit program for CII accounts with mixed use meters or assign landscape budgets to mixed use meters.

Condition 3: Implement and maintain customer incentive program(s) for irrigation equipment retrofits.

Test for Condition 1

| <u>Year</u> | Report Period | BMP 5 Implementation Year | No. of Irrigation Meter Accounts | No. of Irrigation Accounts with Budgets | Budget Coverage Ratio | 90% Coverage Met by Year 4 |
|-------------|------------------|---------------------------------|-------------------------------------|---|-----------------------------|-------------------------------------|
| 1999 | 99-00 | 1 | 704 | 6 | 0.9% | NA |
| 2000 | 99-00 | 2 | 734 | | | NA |
| 2001 | 01-02 | 3 | 740 | | | NA |
| 2002 | 01-02 | 4 | 762 | | | No |
| 2003 | 03-04 | 5 | 902 | | | No |
| 2004 | 03-04 | 6 | 949 | | | No |
| 2004 | 03-04 | O | 949 | | | INO |

Test for Condition 2a (survey offers)

| Select Reporting Period: | 03-04 |
|--|---------|
| Large Landscape Survey Offers as % of Mixed Use Meter CII Accounts | 1276.6% |
| Survey Offers Equal or Exceed 20% Coverage Requirement | YES |

Test for Condition 2a (surveys completed)

| | - |
|--|---|
| Total Completed Landscape Surveys Reported through | 6 |
| Credit for Surveys Completed Prior to Implementation | 6 |
| of Reporting Database | O |

| Total + Credit | 12 |
|--|------|
| CII Accounts in Base Year | 611 |
| RU Survey Coverage as a % of Base Year CII Accounts | 2.0% |
| Coverage Requirement by Year of Implementation per Exhibit 1 | 6.3% |
| RU on Schedule to Meet 10 Year Coverage Requirement | NO |

Test for Condition 2b (mixed use budget or meter retrofit program)

| Report Year | Report Period | BMP 5 Implementation Year | Agency has mix-use budget program | No. of mixed-use budgets |
|-------------|---------------|---------------------------|--|---|
| 1999 | 99-00 | 1 | NO | |
| 2000 | 99-00 | 2 | NO | |
| 2001 | 01-02 | 3 | NO | |
| 2002 | 01-02 | 4 | NO | |
| 2003 | 03-04 | 5 | NO | |
| 2004 | 03-04 | 6 | NO | |
| Report Year | Report Period | BMP 4 Implementation Year | No. of mixed use CII accounts | No. of mixed use CII accounts fitted with irrig. meters |
| 1999 | 99-00 | 1 | | |
| 2000 | 99-00 | 2 | | |
| 2001 | 01-02 | 3 | | |
| 2002 | 01-02 | 4 | | |
| 2003 | 03-04 | 5 | 782 | |
| 2004 | 03-04 | 6 | 793 | |

Test for Condition 3

| Report Year Repo | ort Period | BMP 5 Implementation Year | RU offers financial incentives? | No. of Loans | Total Amt. Loans |
|------------------|------------|---------------------------------|---------------------------------------|-----------------|-----------------------|
| 1999 9 | 9-00 | 1 | NO | | |
| 2000 9 | 9-00 | 2 | NO | | |
| 2001 0 | 1-02 | 3 | NO | | |
| 2002 0 | 1-02 | 4 | NO | | |
| 2003 0 | 3-04 | 5 | NO | | |
| 2004 0 | 3-04 | 6 | NO | | |
| Report Year Repo | ort Period | No. of Grants | Total Amt. Grants | No. of rebates | Total Amt. Rebates |
| 1999 9 | 9-00 | | | | |
| 2000 9 | 9-00 | | | | |
| 2001 0 | 1-02 | | | | |
| 2002 0 | 1-02 | | | | |

| 2003 | 03-04 |
|------|-------|
| 2004 | 03-04 |

BMP 5 COVERAGE STATUS SUMMARY:

Water supplier has not met one or more coverage requirements for this BMP.

BMP 06 Coverage: High-Efficiency Washing Machine Rebate Programs

Reporting Unit: Reporting Period: City of San Jose 03-04

MOU Exhibit 1 Coverage Requirement

No exemption request filed

Agency indicated "at least as effective as" implementation during report period?

No

An agency must meet one condition to comply with BMP 6.

Condition 1: Offer a cost-effective financial incentive for high-efficiency washers if one or more energy service providers in service area offer financial incentives for high-efficiency washers.

Test for Condition 1

| Year | Report Period | BMP 6 Implementation Year | Rebate Offered by ESP? | Rebate Offered by RU? | Rebate Amount | |
|-------------|------------------|------------------------------|------------------------|-----------------------------|------------------|--|
| 1999 | 99-00 | 1 | YES | YES | 75.00 | |
| 2000 | 99-00 | 2 | YES | YES | 75.00 | |
| 2001 | 01-02 | 3 | YES | YES | 100.00 | |
| 2002 | 01-02 | 4 | YES | YES | 100.00 | |
| 2003 | 03-04 | 5 | YES | YES | 100.00 | |
| 2004 | 03-04 | 6 | YES | YES | 50.00 | |
| | | | | | | |
| <u>Year</u> | Report Period | BMP 6 Implementation Year | No. Rebates Awarded | Coverage | e Met? | |
| 1999 | 99-00 | 1 | 416 | YE | S | |
| 2000 | 99-00 | 2 | 2,815 | YE | YES | |
| 2001 | 01-02 | 3 | 263 | YES | | |
| 2002 | 01-02 | 4 | 318 | YES | | |
| 2003 | 03-04 | 5 | 635 | YE | S | |
| 2004 | 03-04 | 6 | 548 | YE | S | |

BMP 6 COVERAGE STATUS SUMMARY:

Water supplier is meeting coverage requirements for this BMP.

BMP 07 Coverage: Public Information Programs

Reporting Unit: Reporting Period: City of San Jose 03-04

MOU Exhibit 1 Coverage Requirement

No exemption request filed

Agency indicated "at least as effective as" implementation during report period?

No

An agency must meet one condition to comply with BMP 7.

Condition 1: Implement and maintain a public information program consistent with BMP 7's definition.

Test for Condition 1

| <u>Year</u> | Report Period | BMP 7 Implementation Year | RU Has Public Information Program? |
|-------------|---------------|---------------------------|---------------------------------------|
| 1999 | 99-00 | 2 | YES |
| 2000 | 99-00 | 3 | YES |
| 2001 | 01-02 | 4 | YES |
| 2002 | 01-02 | 5 | YES |
| 2003 | 03-04 | 6 | YES |
| 2004 | 03-04 | 7 | YES |
| | | | |

BMP 7 COVERAGE STATUS SUMMARY:

Water supplier is meeting coverage requirements for this BMP.

BMP 08 Coverage: School Education Programs

Reporting Unit: Reporting Period: City of San Jose 03-04

MOU Exhibit 1 Coverage Requirement

No exemption request filed

Agency indicated "at least as effective as" implementation during report period?

No

An agency must meet one condition to comply with BMP 8.

Condition 1: Implement and maintain a school education program consistent with BMP 8's definition.

Test for Condition 1

| <u>Year</u> | Report Period | BMP 8 Implementation Year | RU Has School Education Program? |
|-------------|---------------|---------------------------|-------------------------------------|
| 1999 | 99-00 | 2 | YES |
| 2000 | 99-00 | 3 | YES |
| 2001 | 01-02 | 4 | YES |
| 2002 | 01-02 | 5 | YES |
| 2003 | 03-04 | 6 | YES |
| 2004 | 03-04 | 7 | YES |

BMP 8 COVERAGE STATUS SUMMARY:

Water supplier is meeting coverage requirements for this BMP.

BMP 09 Coverage: Conservation Programs for CII Accounts

Reporting Unit: Reporting Period: City of San Jose 03-04

MOU Exhibit 1 Coverage Requirement

No exemption request filed

Agency indicated "at least as effective as" implementation No during report period?

An agency must meet three conditions to comply with BMP 9.

Condition 1: Agency has identified and ranked by use commercial, industrial, and institutional accounts.

Condition 2(a): Agency is on track to survey 10% of commercial accounts, 10% of industrial accounts, and 10% of institutional accounts within 10 years of date implementation to commence.

Condition 2(b): Agency is on track to reduce CII water use by an amount equal to 10% of baseline use within 10 years of date implementation to commence.

OR

Condition 2(c): Agency is on track to meet the combined target as described in Exhibit 1 BMP 9 documentation.

Test for Condition 1

OR

| <u>Year</u> | Report Period | BMP 9 Implementation Year | Ranked Com. Use | Ranked Ind. Use | Ranked Inst. Use |
|-------------|------------------|---------------------------------|--------------------|--------------------|------------------|
| 1999 | 99-00 | 1 | NO | YES | NO |
| 2000 | 99-00 | 2 | NO | YES | NO |
| 2001 | 01-02 | 3 | NO | NO | NO |
| 2002 | 01-02 | 4 | NO | NO | NO |
| 2003 | 03-04 | 5 | NO | NO | NO |
| 2004 | 03-04 | 6 | NO | NO | NO |
| | | | | | |

Test for Condition 2a

| | Commercial | Industrial | Institutional |
|---|------------|------------|---------------|
| Total Completed Surveys Reported through 2004 | 3 | 23 | 7 |
| Credit for Surveys Completed Prior to Implementation of Reporting Databases | | | 1 |
| Total + Credit | 3 | 23 | 8 |
| CII Accounts in Base Year | 345 | 215 | 51 |
| RU Survey Coverage as % of Base Year CII Accounts | 0.9% | 10.7% | 15.7% |

| Coverage Requirement by Year 6 of Implementation per Exhibit 1 | 4.2% | 4.2% | 4.2% |
|--|------|------|------|
| RU on Schedule to Meet 10 Year Coverage Requirement | NO | YES | YES |

Test for Condition 2b

| <u>Year</u> | Report Period | BMP 9 Implementation Year | Performance Target Savings (AF/yr) | Performance Target Savings Coverage | Performance Target Savings Coverage Requirement | Coverage Requirement Met |
|-------------|------------------|---------------------------------|------------------------------------|---|---|--------------------------------|
| 1999 | 99-00 | 1 | 998 | 26.5% | 0.5% | YES |
| 2000 | 99-00 | 2 | 1,219 | 32.4% | 1.0% | YES |
| 2001 | 01-02 | 3 | 18 | 0.5% | 1.7% | NO |
| 2002 | 01-02 | 4 | 18 | 0.5% | 2.4% | NO |
| 2003 | 03-04 | 5 | 58 | 1.5% | 3.3% | NO |
| 2004 | 03-04 | 6 | 115 | 3.1% | 4.2% | NO |
| | | | | | | |

Test for Condition 2c

| Total BMP 9 Surveys + Credit | 34 |
|---|------|
| BMP 9 Survey Coverage | 5.6% |
| BMP 9 Performance Target Coverage | 3.1% |
| BMP 9 Survey + Performance Target Coverage | 8.6% |
| Combined Coverage Equals or Exceeds Coverage Requirement? | YES |

BMP 9 COVERAGE STATUS SUMMARY:

Water supplier has not met one or more coverage requirements for this BMP.

BMP 11 Coverage: Conservation Pricing

Reporting Unit: Reporting Period: City of San Jose 03-04

MOU Exhibit 1 Coverage Requirement

No exemption request filed

Agency indicated "at least as effective as" implementation during report period?

No

An agency must meet one condition to comply with BMP 11.

Agency shall maintain rate structure consistent with BMP 11's definition of conservation pricing.

Implementation methods shall be at least as effective as eliminating non-conserving pricing and adopting conserving pricing. For signatories supplying both water and sewer service, this BMP applies to pricing of both water and sewer service. Signatories that supply water but not sewer service shall make good faith efforts to work with sewer agencies so that those sewer agencies adopt conservation pricing for sewer service.

- a) Non-conserving pricing provides no incentives to customers to reduce use. Such pricing is characterized by one or more of the following components: rates in which the unit price decreases as the quantity used increases (declining block rates);rates that involve charging customers a fixed amount per billing cycle regardless of the quantity used; pricing in which the typical bill is determined by high fixed charges and low commodity charges.
- b) Conservation pricing provides incentives to customers to reduce average or peak use, or both. Such pricing includes: rates designed to recover the cost of providing service; and billing for water and sewer service based on metered water use. Conservation pricing is also characterized by one or more of the following components: rates in which the unit rate is constant regardless of the quantity used (uniform rates) or increases as the quantity used increases (increasing block rates); seasonal rates or excess-use surcharges to reduce peak demands during summer months; rates based upon the longrun marginal cost or the cost of adding the next unit of capacity to the system.

Test for Condition 1

| <u>Year</u> | Report Period | RU Employed Conserving WATER Rate Structure | RU Employed Conserving SEWER Rate Structure | RU Meets BMP 11 Coverage Requirement |
|-------------|------------------|---|---|--------------------------------------|
| 1999 | 99-00 | YES | YES | YES |
| 2000 | 99-00 | YES | YES | YES |
| 2001 | 01-02 | YES | YES | YES |
| 2002 | 01-02 | YES | YES | YES |
| 2003 | 03-04 | YES | YES | YES |
| 2004 | 03-04 | YES | YES | YES |

BMP 11 COVERAGE STATUS SUMMARY:

Water supplier is meeting coverage requirements for this BMP.

BMP 12 Coverage: Conservation Coordinator

Reporting Unit: Reporting Period: City of San Jose 03-04

MOU Exhibit 1 Coverage Requirement

No exemption request filed

Agency indicated "at least as effective as" implementation during report period?

No

Agency shall staff and maintain the position of conservation coordinator and provide support staff as necessary.

Test for Compliance

| Report Year | Report Period | Conservation Coordinator Position Staffed? | Total Staff on Team (incl. CC) |
|-------------|------------------|---|-----------------------------------|
| 1999 | 99-00 | YES | 6 |
| 2000 | 99-00 | YES | 7 |
| 2001 | 01-02 | YES | 7 |
| 2002 | 01-02 | YES | 8 |
| 2003 | 03-04 | YES | 7 |
| 2004 | 03-04 | YES | 5 |

BMP 12 COVERAGE STATUS SUMMARY:

Water supplier is meeting coverage requirements for this BMP.

BMP 13 Coverage: Water Waste Prohibition

Reporting Unit: Reporting Period: City of San Jose 03-04

MOU Exhibit 1 Coverage Requirement

No exemption request filed

Agency indicated "at least as effective as" implementation during report period?

No

RIIhae

An agency must meet one condition to comply with BMP 13.

Implementation methods shall be enacting and enforcing measures prohibiting gutter flooding, single pass cooling systems in new connections, non-recirculating systems in all new conveyer car wash and commercial laundry systems, and non-recycling decorative water fountains.

Test for Condition 1

Agency or service area prohibits:

| <u>Year</u> | <u>Gutter</u> Flooding | Single-Pass Cooling Systems | Single-Pass Car Wash | Single-Pass Laundry | Single-Pass Fountains | <u>Other</u> | ordinance that meets coverage requirement |
|-------------|---------------------------|-----------------------------------|-------------------------|------------------------|--------------------------|--------------|---|
| 1999 | YES | NO | YES | NO | YES | YES | NO |
| 2000 | YES | NO | YES | NO | YES | YES | NO |
| 2001 | YES | NO | YES | NO | YES | YES | NO |
| 2002 | YES | NO | YES | NO | YES | YES | NO |
| 2003 | YES | NO | NO | NO | NO | YES | NO |
| 2004 | YES | NO | NO | NO | NO | YES | NO |

BMP 13 COVERAGE STATUS SUMMARY:

Water supplier has not met one or more coverage requirements for this BMP.

BMP 14 Coverage: Residential ULFT Replacement Programs

Reporting Unit: City of San Jose

MOU Exhibit 1 Coverage Requirement

A Reporting Unit (RU) must meet one of the following conditions to be in compliance with BMP 14.

Condition 1: Retrofit-on-resale (ROR) ordinance in effect in service area.

Condition 2: Water savings from toilet replacement programs equal to 90% of Exhibit 6 coverage requirement.

An agency with an exemption for BMP 14 is not required to meet one of the above conditions. This report treats an agency with missing base year data required to compute the Exhibit 6 coverage requirement as out of compliance with BMP 14.

Status: Water supplier is meeting coverage requirements for this BMP. as of 2004

| Coverage BMP 14 Data Year Submitted to CUWCC | | Exemption Filed with CUWCC | ROR Ordinance in Effect | Exhibit 6 Coverage Reg'mt | <u>Toilet</u> Replacement <u>Program</u> | |
|--|---------------|----------------------------------|-------------------------------|---------------------------------|--|--|
| | <u>551155</u> | <u>501155</u> | <u> 2.1001</u> | (AF) | Water Savings* (AF) | |
| 1998 | YES | | | 39.79 | 179.45 | |
| 1999 | YES | NO | NO | 114.26 | 343.38 | |
| 2000 | YES | NO | NO | 218.85 | 508.82 | |
| 2001 | YES | NO | NO | 349.42 | 695.65 | |
| 2002 | YES | NO | NO | 502.28 | 917.06 | |
| 2003 | YES | NO | NO | 674.13 | 1153.08 | |
| 2004 | YES | NO | NO | 861.99 | 1382.96 | |
| 2005 | NO | NO | NO | 1063.21 | | |
| 2006 | NO | NO | NO | 1275.42 | | |
| 2007 | NO | NO | NO | 1496.50 | | |

*NOTE: Program water savings listed are net of the plumbing code. Savings are cumulative (not annual) between 1991 and the given year. Residential ULFT count data from unsubmitted forms are NOT included in the calculation.

BMP 14 COVERAGE STATUS SUMMARY:

Water supplier is meeting coverage requirements for this BMP.

BMP 14 Coverage: Residential ULFT Replacement Programs

Reporting Unit: City of San Jose

BMP 14 Coverage Calculation Detail: Retrofit on Resale (ROR) Ordinance Water Savings

| | Single Family | Multi-Family |
|--|------------------|--------------|
| 1992 Housing Stock | | |
| Average rate of natural replacement (% of remaining stock) | .04 | .04 |
| Average rate of housing demolition (% of remining stock) | .005 | .005 |
| Estimated Housing Units with 3.5+ gpf Toilets in 1997 | 12080.09 | 4277.01 |
| Average resale rate | .0481 | .0566 |
| Average persons per unit | | |
| Average toilets per unit | | |
| Average savings per home (gpd; from Exhibit 6) | 43.8 | 48.5 |

Single Family Housing Units

| Coverage Year | <u>Unretrofitted</u> <u>Houses</u> | Houses Sold | Houses Unsold | Sold and Retrofitted | Sold and Already Retrofitted | Unsold and Retrofitted | Gross ROR Savings (AFY) | Nat'I Replacement Only Savings (AFY) | Net ROR Savings (AFY) |
|------------------|---------------------------------------|----------------|------------------|-------------------------|------------------------------------|------------------------------|----------------------------------|--------------------------------------|--------------------------|
| 1998 | 11044.28 | 578.15 | 11441.54 | 578.15 | | 457.66 | 184.24 | 157.01 | 27.23 |
| 1999 | 10097.29 | 575.26 | 11384.34 | 528.57 | 46.68 | 418.42 | 230.69 | 179.66 | 51.03 |
| 2000 | 9231.50 | 572.38 | 11327.41 | 483.25 | 89.13 | 382.54 | 273.16 | 201.40 | 71.76 |
| 2001 | 8439.94 | 569.52 | 11270.78 | 441.81 | 127.70 | 349.74 | 311.99 | 222.28 | 89.71 |
| 2002 | 7716.26 | 566.67 | 11214.42 | 403.93 | 162.74 | 319.75 | 347.49 | 242.33 | 105.16 |
| 2003 | 7054.63 | 563.84 | 11158.35 | 369.30 | 194.54 | 292.34 | 379.95 | 261.58 | 118.37 |
| 2004 | 6449.73 | 561.02 | 11102.56 | 337.63 | 223.39 | 267.27 | 409.62 | 280.06 | 129.56 |
| 2005 | 5896.69 | 558.21 | 11047.05 | 308.68 | 249.53 | 244.35 | 436.75 | 297.81 | 138.94 |
| 2006 | 5391.08 | 555.42 | 10991.81 | 282.21 | 273.21 | 223.40 | 461.55 | 314.86 | 146.70 |
| 2007 | 4928.82 | 552.64 | 10936.85 | 258.01 | 294.63 | 204.24 | 484.23 | 331.22 | 153.01 |

Multi Family Housing Units

| | | | <u>Houses</u> | Sold and | Sold and | <u>Unsold</u> | <u>Gross</u> | Nat'l | Net ROR |
|-------------|---------------|-------------|---------------|-------------|----------------|---------------|--------------|----------------|---------------|
| <u>Year</u> | <u>Houses</u> | <u>Sold</u> | <u>Unsold</u> | Retrofitted | <u>Already</u> | <u>and</u> | ROR | | Savings (AFY) |
| | | | | | Retrofitted | Retrofitted | | <u>Only</u> | |
| | | | | | | | <u>(AFY)</u> | <u>Savings</u> | |
| | | | | | | | | <u>(AFY)</u> | |
| 1998 | 3875.55 | 240.87 | 4014.75 | 240.87 | | 160.59 | 74.12 | 61.56 | 12.56 |
| 1999 | 3511.77 | 239.66 | 3994.68 | 218.26 | 21.40 | 145.52 | 93.88 | 70.43 | 23.44 |
| 2000 | 3182.14 | 238.47 | 3974.71 | 197.77 | 40.69 | 131.86 | 111.78 | 78.96 | 32.82 |
| 2001 | 2883.45 | 237.27 | 3954.83 | 179.21 | 58.06 | 119.48 | 128.00 | 87.14 | 40.86 |
| 2002 | 2612.80 | 236.09 | 3935.06 | 162.39 | 73.70 | 108.27 | 142.71 | 95.00 | 47.70 |
| | | | | | | | | | |

| 2003 | 2367.55 | 234.91 | 3915.38 | 147.14 | 87.76 | 98.10 | 156.03 | 102.55 | 53.48 |
|------|---------|--------|---------|--------|--------|-------|--------|--------|-------|
| 2004 | 2145.32 | 233.73 | 3895.81 | 133.33 | 100.40 | 88.90 | 168.10 | 109.80 | 58.30 |
| 2005 | 1943.95 | 232.56 | 3876.33 | 120.82 | 111.75 | 80.55 | 179.04 | 116.76 | 62.28 |
| 2006 | 1761.48 | 231.40 | 3856.94 | 109.48 | 121.92 | 72.99 | 188.95 | 123.44 | 65.51 |
| 2007 | 1596.14 | 230.24 | 3837.66 | 99.20 | 131.04 | 66.14 | 197.93 | 129.85 | 68.08 |

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